

PATENT ABSTRACTS OF JAPAN

(11) Publication number : 2002-144899

(43) Date of publication of application : 22. 05. 2002

(51) Int. CI.

B60K 17/10
B60K 7/00
B60K 17/356
F15B 11/16
F16H 61/40
F16K 11/076

(21) Application number : 2000-346662 (71) Applicant : ASAHI SHOJI:KK

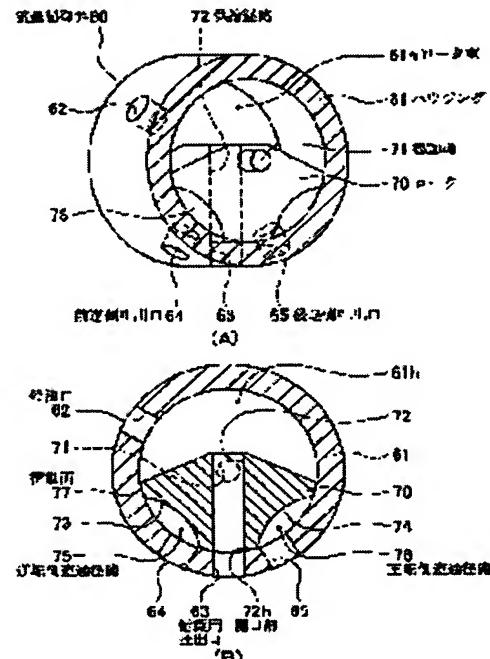
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(54) HYDRAULICALLY OPERATED AUTOMOBILE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a hydraulically operated automobile having a simply constructed change gear mechanism, a lighter weight and a simply constructed power transmission path from an engine to a hydraulic pump.

SOLUTION: This hydraulically operated automobile comprises the hydraulic pump 10 to be driven by the engine E and a hydraulic motor 30 capable of normal and reverse run for driving wheels 31, the hydraulic motor 30 and the hydraulic pump 10 having respective hydraulic circuits 50 connected in a circulating form. An input shaft of the hydraulic pump 10 is connected directly to a crankshaft C of the engine E and a flow control valve 60 is provided between the hydraulic pump 10 and the hydraulic motor 30. The flow control valve 60 has a first change-over position where an oil fed from the hydraulic pump 10 is returned to the hydraulic pump 10, a second change-over position where the oil fed from the hydraulic pump 10 is fed to a suction port of the hydraulic motor 30 and a third change-over position where the oil fed from the hydraulic pump 10 is fed to a discharge port of the hydraulic motor 30.



LEGAL STATUS

[Date of request for examination] 06. 12. 2000

[Date of sending the examiner's decision of rejection] 06. 08. 2002

[Kind of final disposal of application other than the examiner's decision of rejection or application converted]

registration]
[Date of final disposal for application]
[Patent number] 3415824
[Date of registration] 04.04.2003
[Number of appeal against examiner's decision of rejection] 2002-16907
[Date of requesting appeal against examiner's decision of rejection] 04.09.2002
[Date of extinction of right]

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